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(72) Inventors:
• Davis, Lawrence G.
Menomonee Falls, WI 53051 (US)
• Nikolaus, Carol J.
Shorewood, WI 53211 (US)

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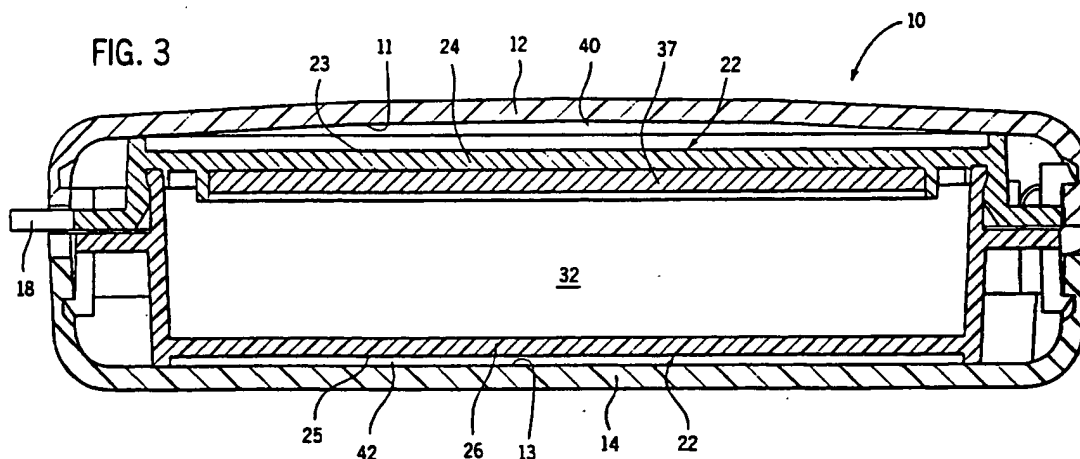
(74) Representative: UEXKÜLL & STOLBERG
Patentanwälte
Beselerstrasse 4
22607 Hamburg (DE)

(71) Applicant: Sussex Plastics, Inc.
Sussex, WI 53089-0902 (US)

(54) Hermetically sealed cosmetic compact case

(57) A hermetically sealed compact (10) contains a cosmetic substance. The compact includes an integral two-piece insert (22) having a cover piece (24) coupled to a base piece (26) by an integral living hinge. The cover piece (24) of the insert has a circular cavity (30) with

a pair of ridges (44,46), while the base piece has a peripheral wall (36) that slides within a groove (48) to form the seal. As the integral insert (22) obtains the closed configuration, the evacuated air makes a distinctive audible sound, indicating to the user that the hermetic seal has been established.



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Description

FIELD OF THE INVENTION

[0001] The present invention relates to a make-up case or a cosmetic compact. More particularly, the present invention relates to an air-tight or hermetically sealed cosmetic compact case.

BACKGROUND

[0002] Conventional compact cases hold makeup or cosmetics, such as, powders, eye shadow, eyeliner, lipstick, or other beauty aids. Compacts often provide a mirror for viewing the face, thereby facilitating the process of applying the makeup to the face.

[0003] A compact usually includes a lid or a cover section hingeably coupled to a base or a container section. Either the cover section or the base section can be pivoted about the hinge to obtain the closed configuration of the compact, thereby providing a convenient storage device. The mirror is typically disposed on the inside of the compact cover section. The base section of conventional compacts usually includes a metal pan for containing the makeup. Alternatively, the makeup can be directly stored in a cavity in the base section.

[0004] Compacts also allow for a pad, a brush, or other application device to be disposed between the makeup and the cover, when the compact is in the closed configuration. Makeup is usually applied by rubbing or dipping the application device (e.g., the pad or brush) in the pan or cavity holding the makeup. The application device is then used to transfer the makeup to the face.

[0005] A popular type of cosmetic currently available in most retail stores is a color-Stay™ or color-fast makeup or cosmetic. The popularity of these cosmetics apparently stems from the ability of the makeup to remain applied to the skin surface for a prolonged period of time without rubbing off or fading. Color-fast cosmetics contain a somewhat volatile chemical component that requires air-tight or hermetic storage to prevent or inhibit drying, hardening, and cracking of the cosmetics. In particular, the color-fast cosmetic must be stored in a hermetically sealed container. Therefore, color-fast cosmetic containers often must undergo and pass a loss-in-weight test to establish that an air-tight seal has been effected.

[0006] Conventional compacts are usually arranged as a one-piece unit so that one hand opens and holds the compact, while the other hand applies the makeup to the skin surface of the face. In contrast, conventional color-fast cosmetic cases include a container with a screw-on cap that effects a hermetic seal when in the closed configuration. Thus, the user must contend with two separate pieces, which makes applying the makeup a more difficult task, i.e., it is more difficult for the user to unscrew the cap and apply the makeup at the same time.

[0007] To apply the color-fast cosmetic from its cosmetic case, the user must unscrew the cap and place it somewhere so that one hand can hold the container that stores the makeup, while the other hand is free to apply the makeup to the skin surface of the face with greater dexterity. In having to lay the screw-on cap somewhere during the process of applying the color-fast makeup, the potential exists for the cap to be misplaced or lost, especially in a crowded public restroom during a social function. Without the screw-on cap to hermetically seal the unused portion still remaining in the container, the color-fast makeup dries, hardens, and its quality deteriorates. As a result, the user must incur an additional expense by purchasing new makeup.

[0008] Another problem with current color-fast cosmetic cases occurs when the user is not aware that the screw-on cap is not properly closed, e.g., sealed, on the container. If the hermetic seal is not established as a result of incomplete or improper closure of the color-fast cosmetic case, the makeup dries, hardens, and cracks.

[0009] Other color-fast makeup cases utilize a complex method of opening and closing. These cases require that the user follows unconventional directions to appropriately open and close the makeup case. Thus, these cases often require additional steps to open and close the case which can annoy the user.

[0010] Thus, there is a need for an inexpensive and simple-to-use compact case capable of effecting an air-tight or hermetic seal. Further, there is a need for an air-tight, hermetically sealed compact case that passes the loss-in-weight test. Further still, there is a need for a hermetically sealed compact case that can be manufactured as a one-piece unit and can be simply opened and closed. Even further still, there is the need for an air-tight compact case that generates an audible indication whenever the hermetic seal is established.

SUMMARY OF THE INVENTION

[0011] The present invention relates to a makeup container. The makeup container includes a cover piece and a base piece for holding a cosmetic substance. The cover piece has a first interface having a first periphery, and the base piece has a second interface having a second periphery corresponding to the first periphery. The first interface and the second interface provide a hermetic seal when the cover piece is closed with respect to the base piece. The seal is comprised of a groove associated with the first interface or the second interface and a peripheral rim associated with the first interface or the second interface.

[0012] The present invention further relates to a compact for containing a cosmetic substance with an air-tight seal. The compact includes a first section and a second section. The first section engages the second section to form the air-tight seal. The air-tight seal maintains the first section in a closed position with respect to the second section.

[0013] The present invention still further relates to a makeup case for holding a cosmetic substance. The case includes a cover and a base for holding makeup. The cover is moveable to an upper, open position and to a lower, closed position. The improvement comprises a hermetic seal when the cover is in the lower, closed position. The seal maintains the cover in a closed position.

[0014] According to one exemplary aspect of the present invention, an air-tight or hermetic seal is provided by a plastic insert sized and shaped to fit or snap inside a conventional compact shell. In particular, the insert is an integral two-section (e.g., a cover and a base) component that utilizes a living hinge to connect a first section (e.g., the cover) to a second section (e.g., the base). The integral component advantageously lowers manufacturing costs since fewer separate parts are required and less assembly is involved. Moreover, post-production costs are also minimized since there is only one part to inventory for the insert.

[0015] According to another exemplary aspect of the present invention, the first section of the integral insert engages the second section to effect an air-tight or hermetic seal when the insert is in a closed configuration. In particular, the first section of the integral insert has a circular cavity with a groove, while the second section has a peripheral wall that slides in the groove to form the seal. As the integral insert obtains the closed configuration, e.g., when the first section engages the second section, the evacuated air makes a distinctive audible sound, indicating to the user that the air-tight seal has been established. Furthermore, the hermetic seal is maintained without a need for an auxiliary latch or fastener.

DESCRIPTION OF THE DRAWINGS

[0016] Exemplary embodiments of the present invention will hereinafter be described wherein like numerals denote like elements, and:

FIGURE 1 is a perspective view of a cosmetic compact case in accordance with an exemplary embodiment of the present invention, the case is shown in a closed configuration;

FIGURE 2 is a perspective view of the cosmetic compact case illustrated in FIGURE 1 in an open configuration, demonstrating an integral two-piece insert contained therein;

FIGURE 3 is a cross-sectional view of the closed cosmetic compact case illustrated in FIGURE 1, taken along line 3-3;

FIGURE 4 is a top perspective view of the integral two-piece insert illustrated in FIGURE 2;

FIGURE 5 is a bottom perspective view of the integral two-piece insert illustrated in FIGURE 4;

FIGURE 6 is a cross-sectional view of the insert illustrated in FIGURE 4 about line 6-6;

FIGURE 7 is an enlarged, partial cross-sectional view of a lip illustrated in FIGURE 4; and
FIGURE 8 is an enlarged, partial cross-sectional view of a groove illustrated in FIGURE 4.

DETAILED DESCRIPTION

[0017] With reference to FIGURES 1, 2, and 3, a makeup case or compact 10 is shown. Compact 10 is a cosmetic case for holding a cosmetic substance, such as, powder, eye shadow, eyeliner, or other beauty aid. In particular, compact 10 is preferably a cosmetic case for containing a color-fast, e.g., a nonfading and rub-resistant, makeup with an air-tight seal.

[0018] FIGURE 1 is a perspective view showing compact 10 in a closed configuration. Compact 10 includes an exterior shell which is comprised of a top or cover section 12 hingeably coupled (FIGURE 2) to a bottom or a base section 14. Compact 10 also includes an opening interface 16. Interface 16 includes a top member 18 and a bottom member 20. Interface 16 facilitates opening of compact 10 when top member 18 engages bottom member 20. Alternatively, interface 16 can include a pivoting member similar to conventional shoe polish canisters.

[0019] As an external downward force is applied, such as, by hand, to cover section 12 to effect pivotal motion in a direction toward base section 14, compact 10 achieves a closed configuration. As section 12 approaches section 14 and achieves the closed configuration, the traditional snapping sound associated with the closing of a conventional compact is emitted. Interface 16 can also be configured to perform a latching operation for compact 10. Although compact 10 is shown in a quadrangular shape, other geometries, such as, oval, circular, hexagonal, and so forth, can also be used.

[0020] With reference to FIGURE 2, compact 10 is shown in an open configuration. Compact 10 further includes an integral two-piece insert 22. Insert 22 preferably includes a top or cover piece 24 integral with a bottom or base piece 26. More specifically, cover piece 24 of insert 22 is pivotally coupled to base piece 26 via a living hinge 28. Insert 22 is shaped in accordance with compact 10 and is sized to fit within the combination of sections 12 and 14. Insert 22 is preferably made of a polypropylene plastic.

[0021] Cover piece 24 of insert 22 includes a circular cavity 30 having a periphery (see FIGURE 4). In one preferred embodiment, a mirror can be disposed within circular cavity 30 for viewing the face when applying the makeup. Similarly, base piece 26 has a circular cavity 32 defined by a peripheral wall 34. A peripheral rim 36 is integral with (e.g., continuous) with peripheral wall 34, circumferentially extends above a surface 35 of base piece 26, and melds into a terminal, outwardly-protruding lip 38. Circular cavity 32 is preferably configured to hold the color-fast makeup. Alternatively, instead of circular cavity 32, base piece 26 can include an aperture

configured such that a pan prefill d with mak up can be disposed th rein.

[0022] FIGURE 3 is a cross-sectional vi w of compact 10 in a closed configuration, tak n along line 3-3 of FIG- URE 1. Circular cavity 30 within piece 24 is shown with a mirror 37 disposed therein. Circular cavity 32 is shown in an empty state. Compact 10 also includes interface gaps 40 and 42. Interface gap 40 is disposed between an internal surface 11 of cover 12 and an exterior sur- face 23 of cover piece 24 of insert 22. Interface gap 42 is disposed between an internal surface 13 of base sec- tion 14 and an external surface 25 of base piece 26 of insert 22. Interface gaps 40 and 42 are configured to be large enough to allow expansion of cover piece 24 and base piece 26, respectively, of insert 22 during loss-in- weight tests.

[0023] FIGURES 4 and 5 show insert 22 in a fully ex- tended, opened configuration. In particular, FIGURE 4 is a top perspective view of insert 22, whereas FIGURE 5 is a bottom perspective view. A groove 48 is circum- ferentially defined between a peripheral edge 33 of cav- ity 30 and shorter peripheral wall 44. Groove 48 is con- figured to receive peripheral rim 36 when insert 22 is in a closed configuration (e.g., when cover piece 24 en- gages base piece 26), thereby effecting a hermetic, i.e., air-tight, seal. Insert 22 does not have, nor needs, a clasp or fastener to sustain a closed configuration: the hermetic seal maintains insert 22 in a closed state.

[0024] As shown in the bottom perspective view of in- sert 22 (FIGURE 5), the perimeter of cover piece 24 and base piece 26 is defined by a continuous peripheral rim 50 that overhangs in the direction toward external sur- faces 23 and 25, respectively. Rim 50 can be utilized to secure or snap insert 22 within sections 12 and 14. Rim 50 is preferably configured to span a height of .16 inch.

[0025] In one preferred embodiment, when in the fully extended configuration, insert 22 spans a length of 6 inches, having a respective 3-inch length for both cover piece 24 and base piece 26. Alternatively, insert 22 can have other dimensions complementary to fit any sized compact 10.

[0026] With reference to FIGURE 6, a cross-sectional view of insert 22 in the fully extended configuration is shown, taken about line 6-6 of FIGURE 4. Living hinge 28 is shown fully extended and circular cavity 30 and circular cavity 32 both appear in an empty state. Lip 38 is shown protruding outwardly from peripheral rim 36. With reference to cover piece 24, groove 48 appears between shorter peripheral wall 44 and peripheral edge 33.

[0027] Both FIGURES 7 and 8 are enlarged, partial cross-sectional views of different aspects of insert 22. More specifically, FIGURE 7 shows an enlarged, partial cross-sectional view of lip 38 extending from peripheral rim 36. FIGURE 8 is an enlarged, partial cross-sectional vi w showing groove 48 disposed between periph- ral wall 44 and peripheral dge 33. FIGURE 8 further sh ws that peripheral wall 44 t minates in a fr e end 45 and

spans a height that is shorter than a height of peripheral wall 46. Wall 46 can serve to hold a mirr r in cavity 30.

[0028] As hown in Figure 8, p ripheral edg 33 in- clud s a chamfer edg 52, a bulge 54 protruding in a direction toward groov 48, and an indentation 56 point- ed in a direction away from wall 44. A groove 58 is dis- posed between shorter peripheral wall 44 and periph- eral wall 46.

[0029] In one preferred embodiment, the nominal thickness of peripheral wall 34 (Figure 4) is .06 inches. The height of peripheral rim 36 (Figure 7), including lip 38, is preferably .172 inches, with a width of .032 inches (without lip 38). Lip 38 preferably has a width of .043 inches and a height of .027 inches. Lip 38 has a radius of .025 inches at an end 72. A surface 74 is provided at a 20° angle with respect to a surface 76.

[0030] Peripheral wall 44 (Figure 8) preferably has a height of .045 inches and a thickness of .016 inches. Wall 46 preferably has a height of .07 inches and a thick- ness of 0.04 inches. A free end 45 of wall 44 is started at a 45° angle with respect to a vertical axis. The surface of wall 44 bordering groove 48 is slightly slanted at an 8° angle with respect to the vertical axis. A wall 62 as- sociated with indent 56 is provided at a 10° angle from the vertical axis.

[0031] Bulge 54 of peripheral edge 33 is curved with a radius of 0.025 inches. Groove 48 has a width of .040 inches and wall 62 has a height of .024 inches. Bulge 54 is at a distance of .060 inches from a surface 64 of groove 48 and terminates at a distance of .080 inches from surface 64. A wall 66 has a height of .036 inches and is provided at a 15° angle from the vertical axis.

[0032] Alternatively, other dimensions can be used. The given dimensions are exemplary only and do not limit the scope of the claims.

[0033] The closing and opening of insert 22 is dis- cussed as follows. To close insert 22, an external down- ward force is supplied, such as, by hand, to cover piece 24 to effect a pivotal motion of cover piece 24 toward base piece 26. More specifically, as a result of th ap- plied downward force on cover piece 24, hinge 28 folds to close cover piece 24 onto base piece 26.

[0034] In the process of closing insert 22, groove 48 receives peripheral rim 36 between first peripheral wall 44 and peripheral edge 33 (FIGURES 4, 6, and 8), there- by effecting a hermetic, i.e., air-tight, seal at the inter- face. The seal can be formed between peripheral wall 34 and peripheral wall 44 or rim 36 and edge 33. More- over, bulge 54 of peripheral edge 33 pushes peripheral rim 36 to bias peripheral wall 34 towards peripheral wall 44. Even further, lip 38 of peripheral rim 36 fits into in- dentation 56 of peripheral edge 33, thus securing the hermetic seal and maintaining insert 22 in the closed configuration. Compact 10 does not require a latch to maintain insert 22 in the closed configuration. As insert 22 obtains th closed c nfiguration, the evacuated air mak s a distinctiv audible sound, indicating that the hermetic seal has b n established. The seal associat-

ed with compact 10 is somewhat similar to seals utilized in photographic film containers or plastic food storage containers.

[0035] To open insert 22, a pulling force is applied, such as, by hand, to cover piece 24 in a direction away from base piece 26. In the process of separating or disengaging cover piece 24 from base piece 26 from the closed configuration of insert 22, peripheral rim 36 is removed from within groove 48, thereby disrupting, e.g., breaking, the hermetic seal formed at the interface between peripheral wall 34 and peripheral wall 44. As cover piece 24 is disengaged from base piece 26, another audible sound is emitted, indicating the hermetic seal has been broken. As hinge 28 unfolds, cover piece 24 is further pivotally moved in a direction away from base piece 26. The terms air-tight and hermetic, as used in this application, refer to an essentially non-leaking seal formed at atmospheric pressure. The air-tight seal can preferably pass a loss-in-weight test when the case contains color-fast makeup.

[0036] It is understood that the above description is of preferred exemplary embodiments of the present invention. The invention is not limited to the precise details and conditions disclosed. For example, the shape of the described compact is quadrangular. However, other geometries, such as, circular, oval, hexagonal, and so forth, can also be used. Although specific dimensions were given for aspects of the integral two-piece insert, other dimensions can be used complementary to fit any sized compact. Various modifications may be made to the details of the disclosure without departing from the spirit of the invention, which is defined in the appended claims.

Claims

1. A makeup container, the container comprising:
 - a cover piece having a first interface, the first interface having a first periphery; and
 - a base piece for holding a cosmetic substance, the base piece having a second interface, the second interface having a second periphery corresponding to the first periphery, wherein the first interface and the second interface provide a hermetic seal when the cover piece is closed with respect to the base piece, wherein the seal is comprised of a groove associated with the first interface or the second interface and a peripheral rim associated with the first interface or the second interface.
2. The makeup container of claim 1, wherein the groove is defined by a peripheral wall and the peripheral edge of the peripheral rim being received between the first periphery and the peripheral wall.
3. The makeup container of claim 2, wherein the first periphery includes a bulge.
4. The makeup container of claim 3, wherein the first periphery and the second periphery are circular.
5. The makeup container of claim 1, further comprising:
 - an outer body coupled about the cover piece and the base piece, wherein the outer body includes a cavity, the cavity allowing expansion of the cover piece or the base piece.
6. The makeup container of claim 5, wherein the cavity is large enough to allow expansion during loss-in-weight tests.
7. The makeup container of claim 6, wherein the first piece and the second piece are integral and joined by a living hinge.
8. A compact for containing a cosmetic substance with an air-tight seal, the compact comprising:
 - a first section; and
 - a second section, the first section engaging the second section to form the air-tight seal, the air-tight seal maintaining the first section in a closed position with respect to the second section.
9. The compact of claim 8, wherein the compact makes an audible sound indicating the air-tight seal is established when the first section engages the second section.
10. The compact of claim 9, wherein the first section has a first circular cavity, the circular cavity having a first peripheral wall, wherein the second section has a second peripheral wall, the second peripheral wall sliding between the first peripheral wall and an edge of the first circular cavity to form the seal.
11. The compact of claim 10, wherein the peripheral wall includes a lip.
12. The compact of claim 11, wherein the lip extends away from an outside surface of the rim.
13. The compact of claim 10, wherein the second section has a second circular cavity for holding the cosmetic substance, the circular cavity being defined by the second peripheral wall.
14. A makeup case for holding a cosmetic substance, the case including a cover and a base, the base including makeup, the cover being movable to an upper, open position and to a lower, closed position,

the improvement comprising:

a hermetic seal when the cover is in the lower, closed position, whereby the seal maintains the cover in a closed position.

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15. The improvement of claim 14, wherein the seal is comprised of a groove associated with the cover and a peripheral rim associated with the base, the rim being received in the groove when the cover is closed.

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16. The improvement of claim 15, wherein the improvement makes an audible sound when the cover is brought to the closed position.

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17. The improvement of claim 16, wherein the improvement makes another audible sound when the cover is brought to the upper position from the closed position.

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18. The improvement of claim 14, wherein the groove includes a first peripheral wall and an edge.

19. The improvement of claim 18, wherein all components associated with the seal are integral the base and the cover.

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20. The improvement of claim 19, wherein the first peripheral wall is shorter than the edge.

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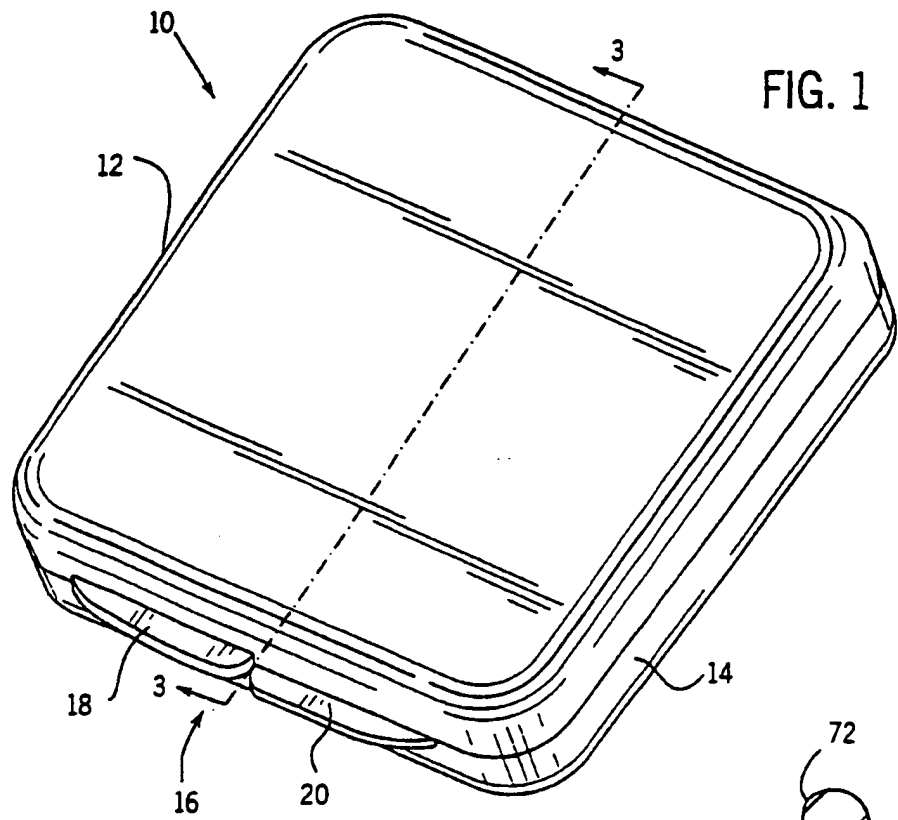


FIG. 1

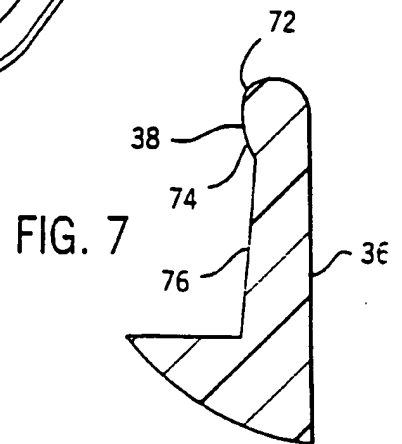


FIG. 7

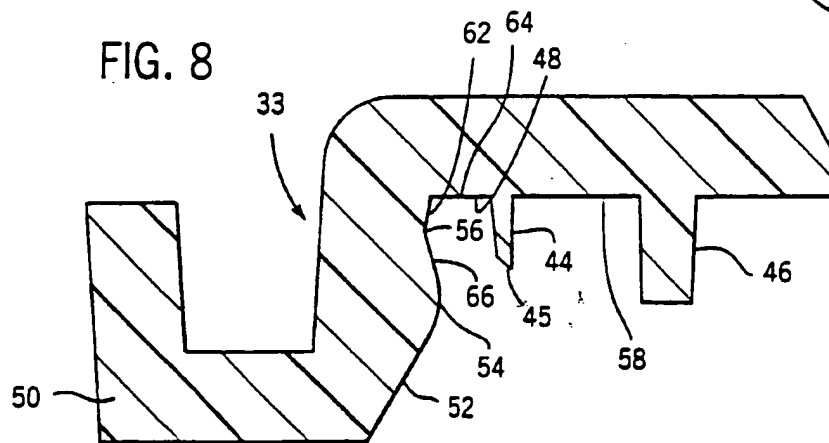
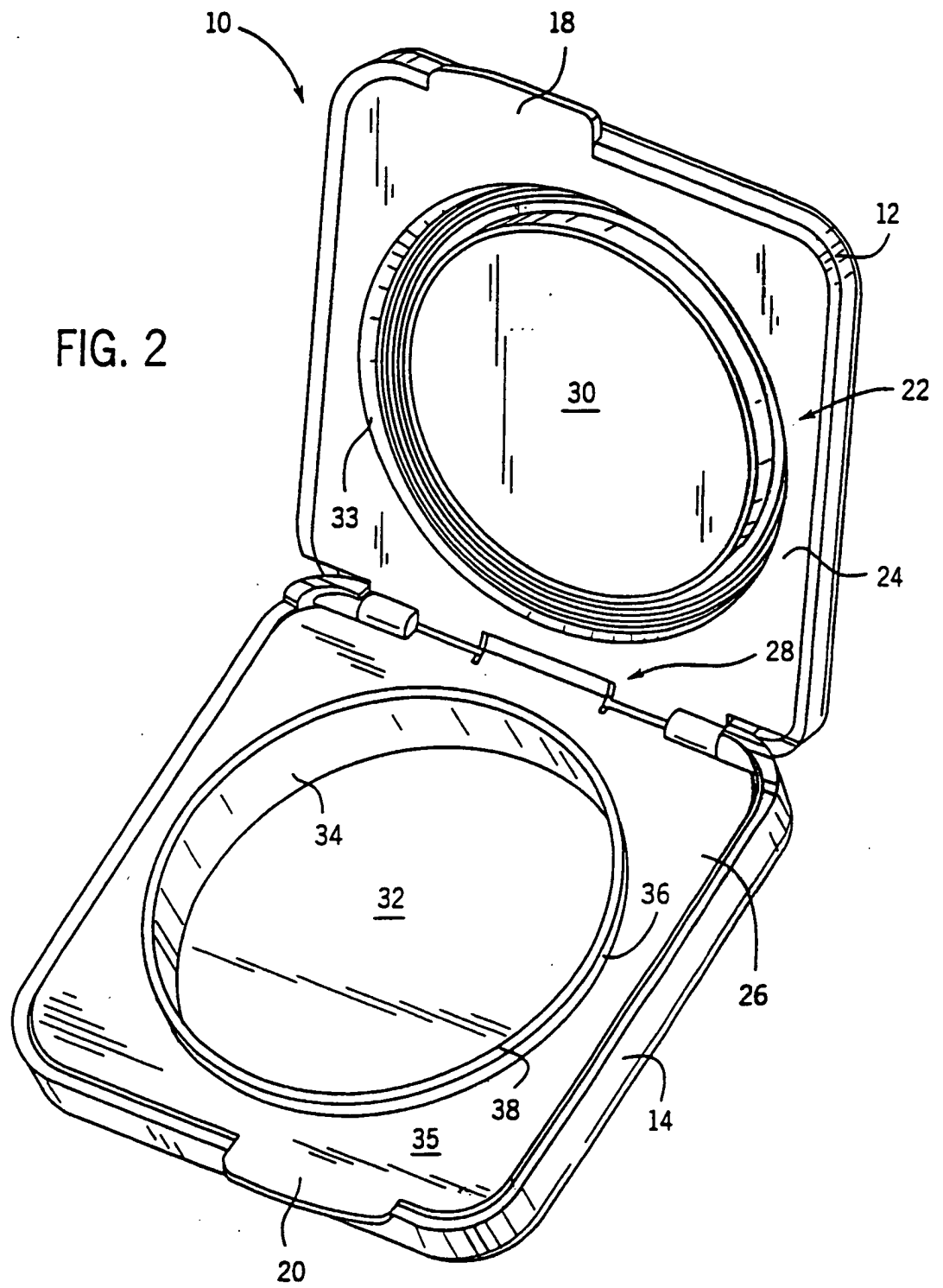
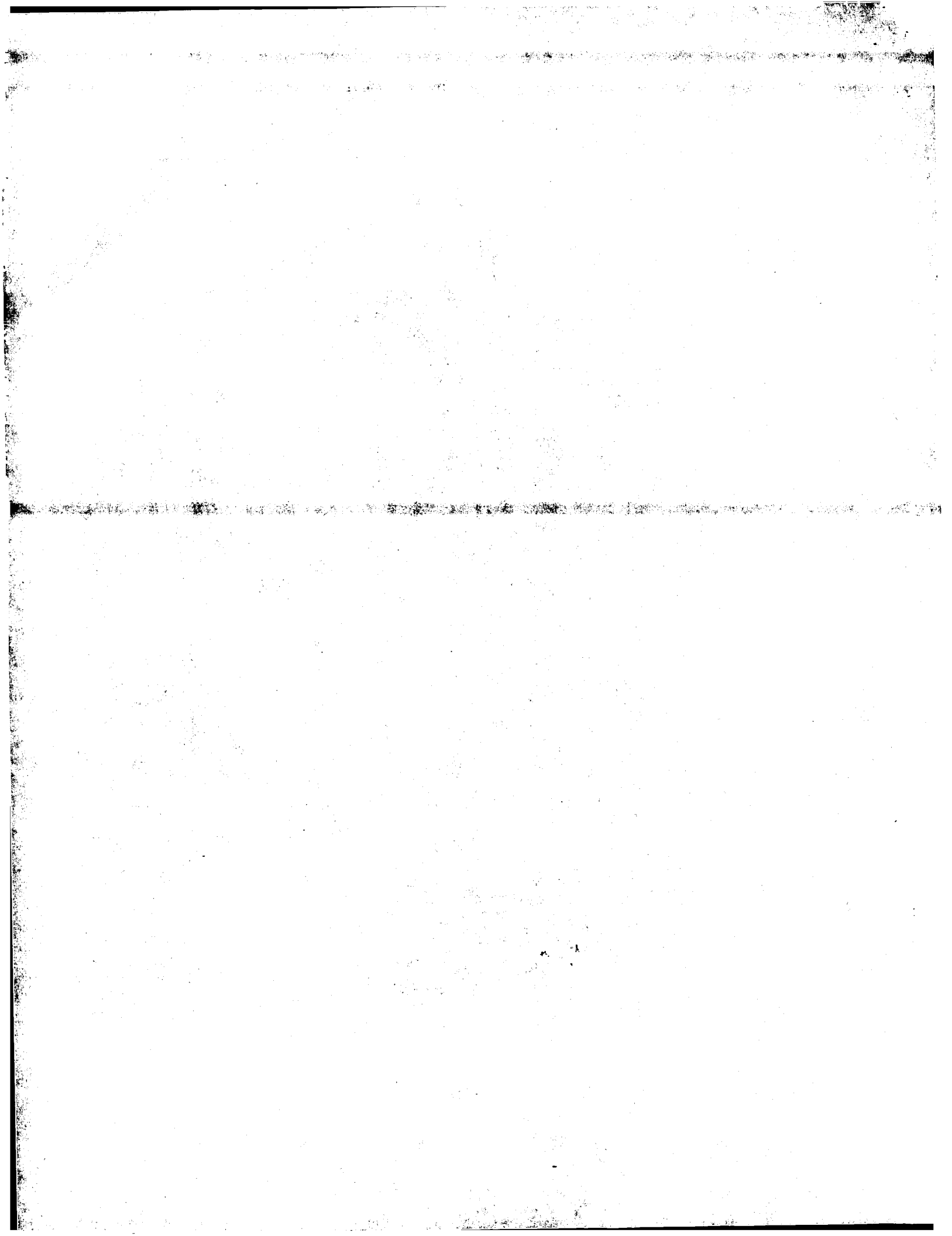
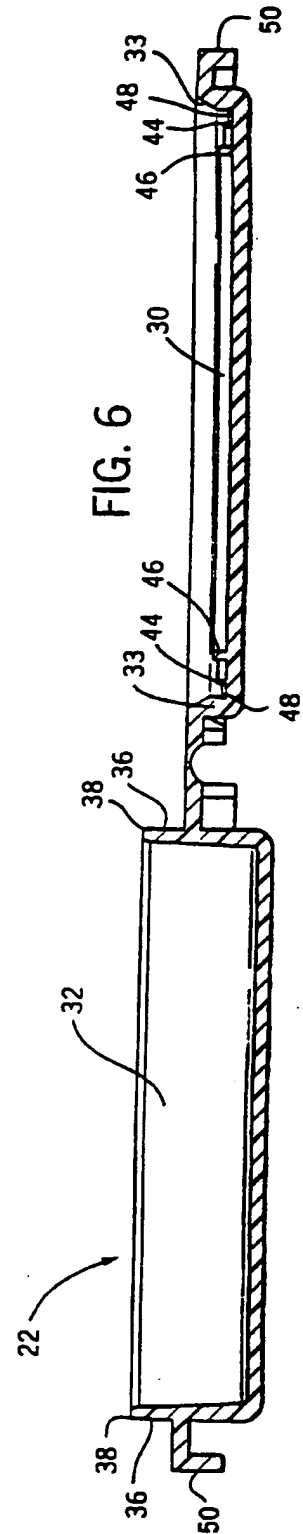
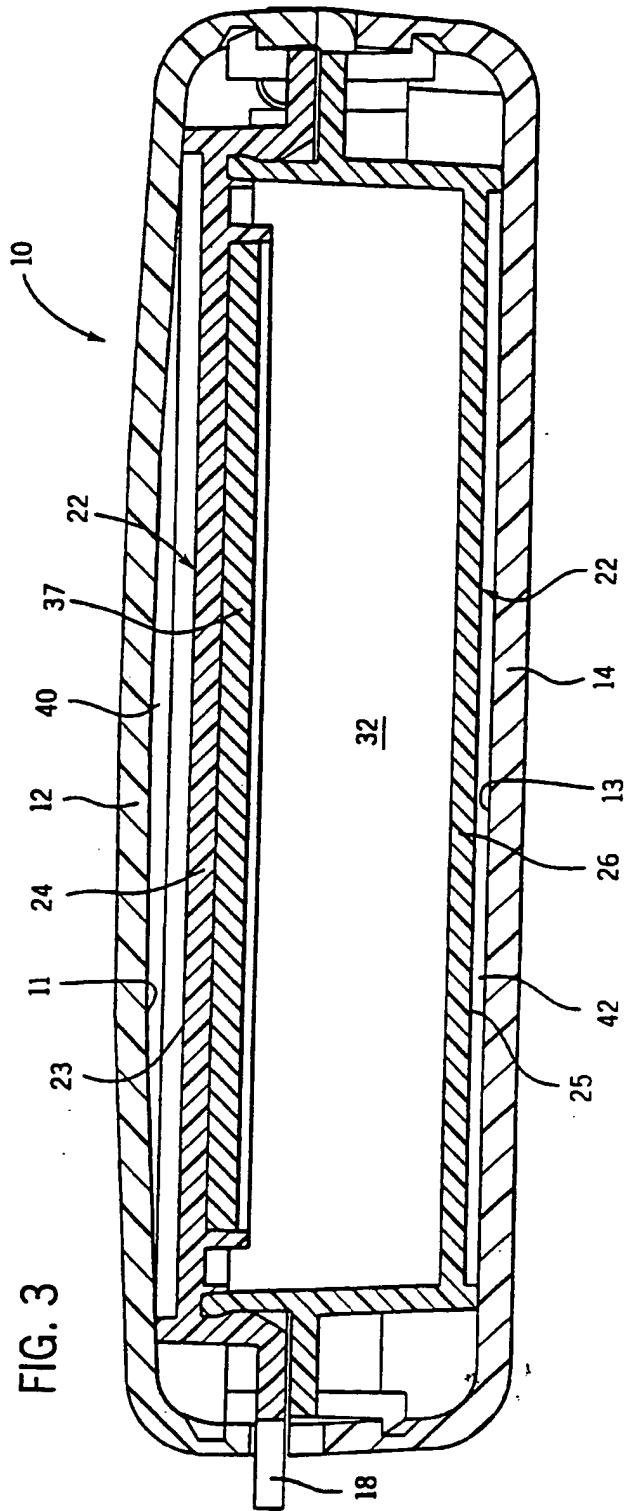


FIG. 8

FIG. 2







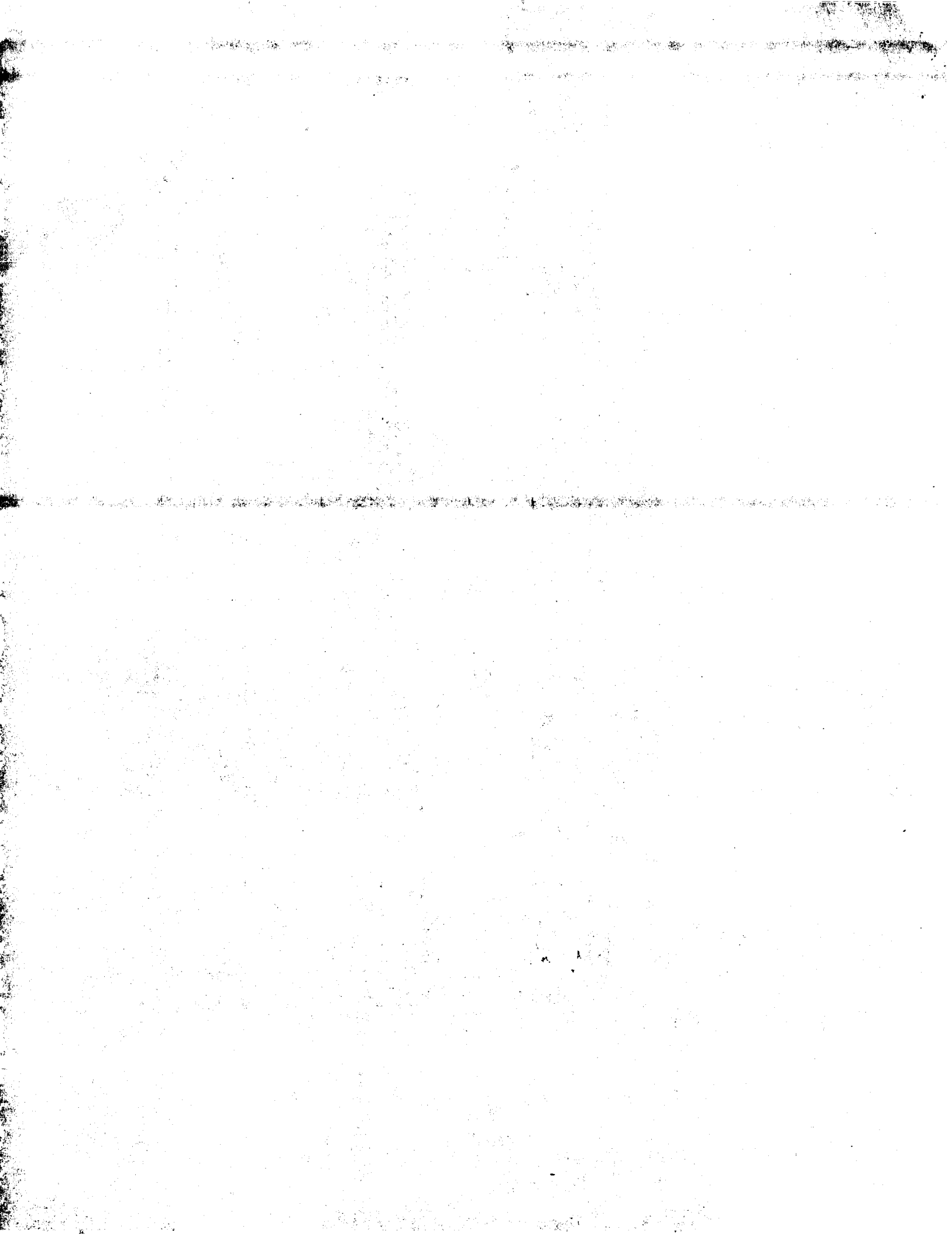


FIG. 4

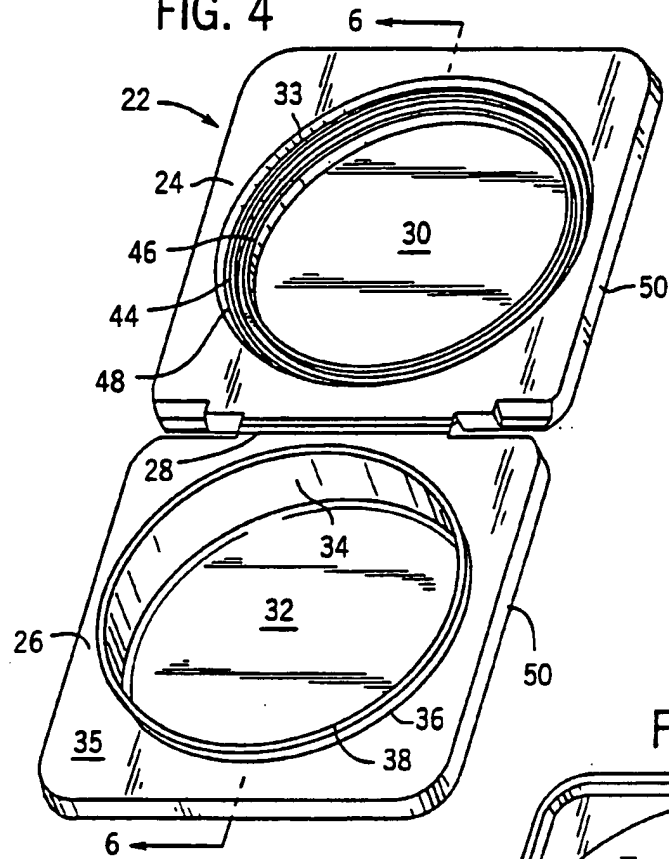
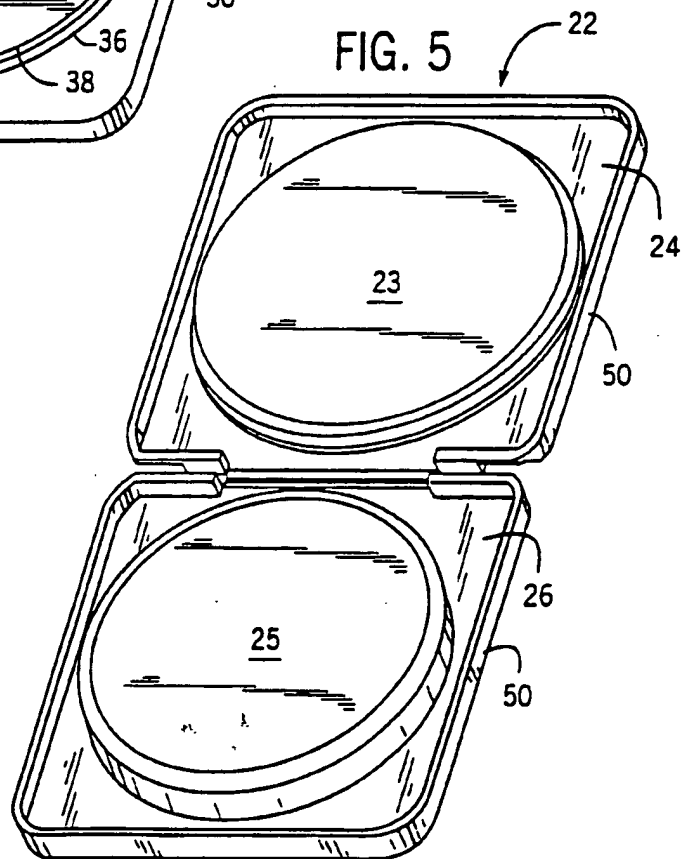
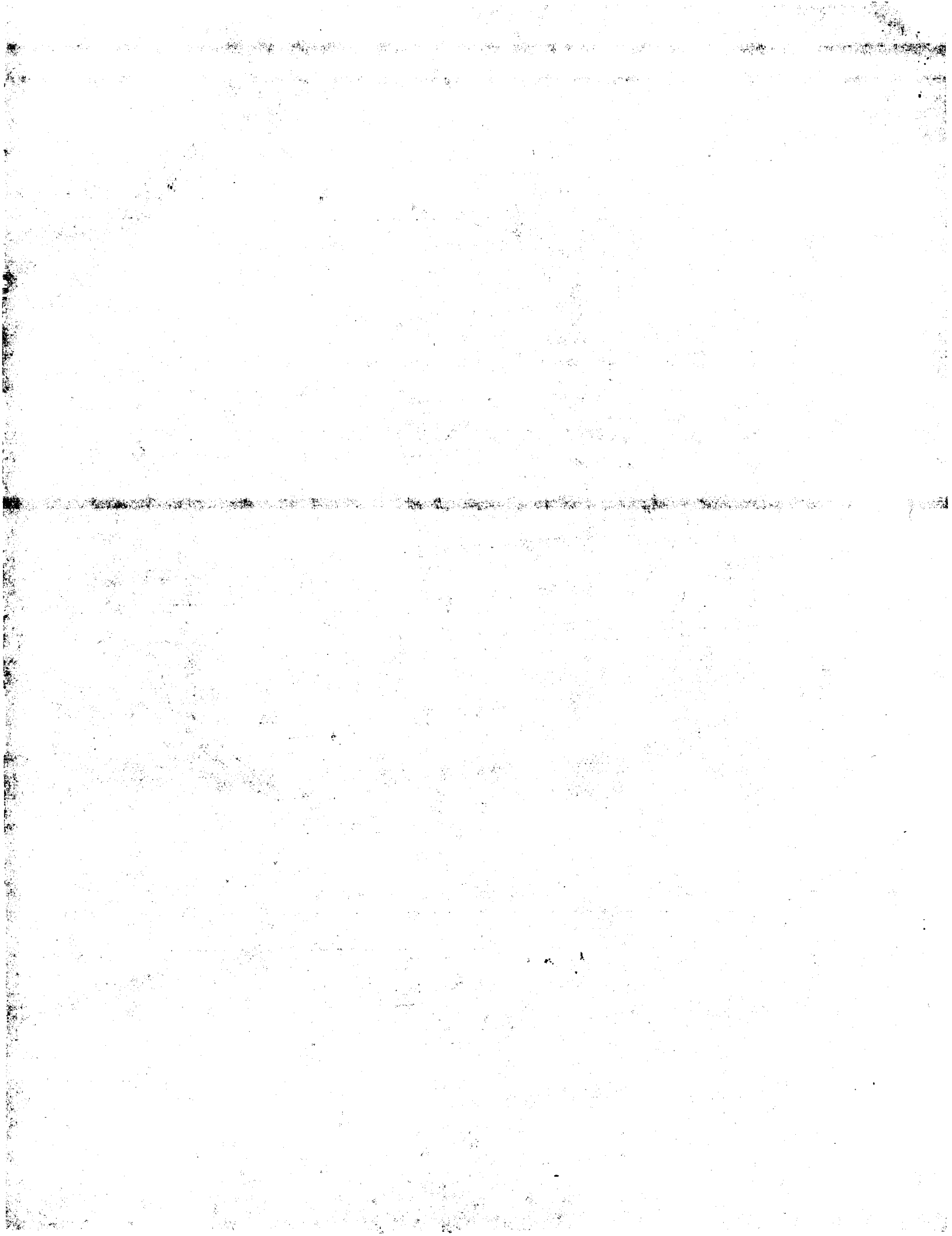


FIG. 5





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EUROPEAN SEARCH REPORT

Application Number

EP 98 25 0266

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cls)
E	WO 98 36985 A (R.J. SHEFFLER, C. CHANG) 27 August 1998 * page 5, line 5 - page 6, line 28; figures 1,12,18 *	1-4,8, 14,18,19	A45D33/00 B65D43/06
X	US 4 586 519 A (D. SEIDLER, H.H. MATTHEIS) 6 May 1986	1,2	
Y	* column 4, line 39 - line 48; figures 2,6 *	5-7	
Y	FR 2 576 496 A (LOUVRETTE - GERD + DIETER ERLHÖFER GMBH) 1 August 1986 * abstract; figures 1-4 *	5-7	
X	GB 599 452 A (M. LOCKER) * page 1, line 8 - line 34; figure 2 *	1,2	
X	WO 83 02051 A (H.H. WEICK) 23 June 1983	8,14	
Y	* page 3, line 26 - page 4, line 6; figures 4-6 *	9-11,13, 15,16, 18-20	
Y	US 4 471 880 A (W.D. TAYLOR, R.D. DILYARD) 18 September 1984 * column 4, line 18 - line 54; figures 5-7 *	9-11,13, 15,16, 18-20	A45D B65D A45C
X	CH 380 299 A (R.P. SCHERER GMBH) * page 1, line 14 - line 21; figure 2 *	8,14	
A	US 4 347 943 A (R.E. HACKWELL, P.D. GALE, E.K.L. MASON) 7 September 1982	3,4,12	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25 February 1999	Examiner Schmitt, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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25-02-1999

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9836985	A	27-08-1998	AU	6329698 A	09-09-1998
US 4586519	A	06-05-1986	NONE		
FR 2576496	A	01-08-1986	IT	206981 Z	26-10-1987
GB 599452	A		NONE		
WO 8302051	A	23-06-1983	CH	653637 A	15-01-1986
			EP	0096055 A	21-12-1983
			US	4553665 A	19-11-1985
US 4471880	A	18-09-1984	AU	577302 B	22-09-1988
			AU	3171884 A	18-04-1985
			AU	562342 A	14-07-1987
			CA	1252422 A	11-04-1989
			DE	3435636 A	09-05-1985
			DK	471884 A,B.	04-04-1985
			FR	2552736 A	05-04-1985
			GB	2147573 A,B	15-05-1985
			HK	3788 A	22-01-1988
			JP	1933509 C	26-05-1995
			JP	6051502 B	06-07-1994
			JP	60090145 A	21-05-1985
			NL	8402771 A	01-05-1985
			SE	456734 B	31-10-1988
			SE	8404925 A	04-04-1985
CH 380299	A		NONE		
US 4347943	A	07-09-1982	NONE		

EPO FORM P/859

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82



ABSTRACT / ZUSAMMENFASSUNG / ABREGE

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A hermetically sealed compact (10) contains a cosmetic substance. The compact includes an integral two-piece insert (22) having a cover piece (24) coupled to a base piece (26) by an integral living hinge. The cover piece (24) of the insert has a circular cavity (30) with a pair of ridges (44,46), while the base piece has a peripheral wall (36) that slides within a groove (48) to form the seal. As the integral insert (22) obtains the closed configuration, the evacuated air makes a distinctive audible sound, indicating to the user that the hermetic seal has been established.

